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# KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:  
Univ. of Ky - Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
Kentucky Department of Agriculture  
Cooperative Extension Service

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**AGRICULTURAL NEWS:** Weather throughout the state remained mostly dry with warm temperatures during the past week. There was some rain received by the weekend, however accumulation remains low for this time of year. Average temperature, at 62 degrees, was 1 degree above last week's average, and 5 degrees above normal. Statewide precipitation averaged .11 inches, .87 inches below normal. **Topsoil moisture** was rated 6 percent very short, 31 percent short, 57 percent adequate and 6 percent surplus. **Subsoil moisture** was rated 3 percent very short, 25 percent short, 66 percent adequate and 6 percent surplus. There were 6.1 days, out of the possible 7, suitable for fieldwork. The heavy rain that affected the western part of the state last week subsided as no region received more than .15 inches. Although the overall lack of rain is a concern, it has allowed for good planting weather. The majority of farm work for the week consisted of planting corn and prepping tobacco ground.

**CORN:** Planting progress was aided by the dry weather and pleasant temperatures. Reported progress was 35 percent complete, compared to 10 percent last week, and 23 percent for the five year average. If current conditions remain, planting will move quickly.

**TOBACCO:** As of April 18, 90 percent of the greenhouse and plant bed seeding had been completed, slightly ahead of last year, and right on the five year average. Tobacco transplants were 62 percent emerged, down 1 percent from the previous year, and 6 percent below the five year average. The condition of tobacco transplants was rated as 1 percent very poor, 3

percent poor, 19 percent fair, 54 percent good, and 23 percent excellent.

**SMALL GRAINS:** Wheat condition remained in good standing with 1 percent rated very poor, 2 percent poor, 18 percent fair, 54 percent good, and 25 percent excellent. The amount of wheat winter kill was 2 percent.

**OTHER CROPS AND PASTURE:** Fruit trees continue to be doing reasonably well. Average height of Alfalfa was 13 inches. Pasture condition was rated as 2 percent very poor, 5 percent poor, 29 percent fair, 51 percent good, and 13 percent excellent.

## CROP PROGRESS for week ending 04/18/10

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Tobacco Transplants				
Seeded	90	81	88	90
Emerged	62	41	63	68
Corn Planted	35	10	4	23

## SOIL MOISTURE for week ending 04/18/10

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	6	31	57	6
Subsoil	3	25	66	6

## CROP CONDITIONS for week ending 04/18/10

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Wheat	1	2	18	54	25
Pasture	2	5	29	51	13
Tobacco Transplants	1	3	19	54	23

## **KENTUCKY WEATHER SUMMARY, APRIL 12 - 18, 2010:**

### **Above Normal Temperature and Below Normal Rainfall:**

Another warm and dry week all across the Commonwealth made this one of the driest weeks all year, with no region receiving more than 0.15 inches of rainfall. This also made this the 6th straight week with at or above normal temperature and the 13th week this year with below normal precipitation. The majority of the week was ruled by high pressure, which gave sunny skies and warm conditions. The state's only source of rainfall came late in the week, from a cold front out of the northwest. Behind the cold front temperatures fell a bit and even produced some areas of frost.

Temperatures for the period averaged 62 degrees across the state which was 5 degrees above normal and 1 degree warmer than the previous week. High temperatures averaged from 78 in the West to 76 in the East. Departure from normal high temperatures ranged from 7 degrees above normal in the West to 10 degrees above normal in the East. Low temperatures averaged from 48 degrees in the West to 45 degrees in the East. Departure from normal low temperature ranged from 2 degrees above normal in the West to 0 degrees from normal in the East.

Rainfall for the period totaled 0.11 inches statewide which was 0.87 inches below normal. Rainfall totals by climate division, West 0.07 inches, Central 0.12 inches, Bluegrass 0.12 inches and East 0.14 inches, which was 1.00, 0.88, 0.82 and 0.78 inches respectively below normal. By station, rainfall totals ranged from a low of 0.00 inches at Campbellsville to a high of 0.26 inches at Louisville.

Tom Priddy

### **KENTUCKY TEMPERATURES AND RAINFALL**

**FOR WEEK ENDING SUNDAY, APRIL 18, 7:00 P.M.**

Weather Station	Precipitation		Deviation From Normal Since Jan. 1	Temperatures					Air Temp.
	Last Week	Since Jan 1		Soil 4 In. High	Grass Low	Air High	Air Low	Wkly. Avg	Deviation From Normal
	(Inches)			(Degrees Fahrenheit)					
Bardstown	0.16	8.49	-4.31	71	58	84	35	63.0	+7
Berea	0.12	7.62	-4.99	66	55	82	30	57.9	+3
Bowling Green	0.09	8.07	-7.57	66	55	85	36	63.1	+7
Bristol	0.08	9.07	-3.28	66	47	81	36	60.2	+5
Buckhorn Lake	0.09	9.32	-4.40	66	47	83	30	59.4	+4
Cape Girardeau	0.01	11.18	-2.73	66	55	83	37	62.9	+4
Campbellsville	0.00	8.31	-7.06	66	55	83	31	59.9	+4
Covington	0.01	6.92	-4.85	61	52	84	35	61.4	+6
Cumberland Gap	0.09	11.25	-4.58	66	55	85	32	60.6	+6
Dix Dam	0.15	7.28	-5.97	66	55	83	32	60.4	+5
Evansville	0.12	9.09	-3.81	66	55	86	36	63.1	+4
Glasgow	0.06	10.17	-5.67	66	55	82	35	61.6	+5
Grayson	0.21	6.89	-4.45	66	55	83	30	58.1	+3
Hardinsburg	0.11	9.57	-4.99	66	55	84	33	61.9	+6
Henderson	0.09	8.79	-4.65	66	55	84	36	62.3	+4
Huntington	0.31	9.15	-2.12	61	52	85	35	60.4	+5
Jackson	0.05	10.09	-3.60	66	55	85	40	63.3	+8
Lexington	0.14	6.43	-6.37	61	52	84	32	61.4	+6
London	0.13	10.22	-3.63	66	47	84	33	61.2	+6
Louisville	0.26	7.30	-6.06	71	58	86	39	65.0	+9
Mayfield	0.00	8.65	-8.16	66	55	84	35	62.7	+4
Nashville	0.00	11.07	-3.81	66	55	86	43	65.1	+9
Nolin Lake	0.06	9.51	-5.23	71	58	83	34	60.9	+4
Paducah	0.08	10.58	-4.52	63	54	84	37	63.8	+5
Princeton	0.11	10.02	-6.03	66	55	87	34	63.1	+4
Quicksand	0.10	9.85	-3.84	66	55	84	30	58.6	+4
Somerset	0.12	8.55	-6.15	66	47	83	30	59.6	+5
Spindletop	0.22	5.32	-7.48	61	52	83	33	60.6	+6
Williamstown	0.09	8.16	-4.34	66	55	83	36	61.6	+7

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.gwgw.ca.uky.edu/>